UC-394

# Al Limitations for Web Development

### INTRO/ABSTRACT

This project explored the integration of AI, in our case ChatGPT, in figuring out the limits of what it can offer in creating a fully functional online auction website. We began by defining requirements for the online auction website, followed by identifying a technology stack for building the application, and then finally utilizing ChatGPT. Overall, our scope involves multiple approaches, including research, programming, and documentation.

#### **METHODS**

Used ChatGPT to generate frontend and backend code to create an auction website prototype.

Al Limits - Team 2 - Auction Site

Welcome to our Capstone Project

This is a capstone project created for Kennesaw State University. Please note that this website is a test prototype, and IT IS connected to a real payment system. On this website, you can create an account as either a buyer or seller. Users can create an auction and list it for bidding and users can bid on auctions and purchase the item by the auction going to their auction won page, and from there to the cart. Users can then proceed to checkout HOWEVER our payment system does not fully function, it does make a connection to stripe.

Fig.1 - The firs page we had ChatGPT generate.

## **RESULTS**

ChatGPT proficiently generated frontend code, which streamlined our web development. ChatGPT struggled with specificity in complex tasks, necessitating clarification and external research for intricate backend processes, like payment setup and server deployment on AWS. Limited updates in ChatGPT's version impacted accuracy for certain tasks.

#### Resources:

https://chat.openai.com/

https://code.visualstudio.com/

https://www.djangoproject.com/download/

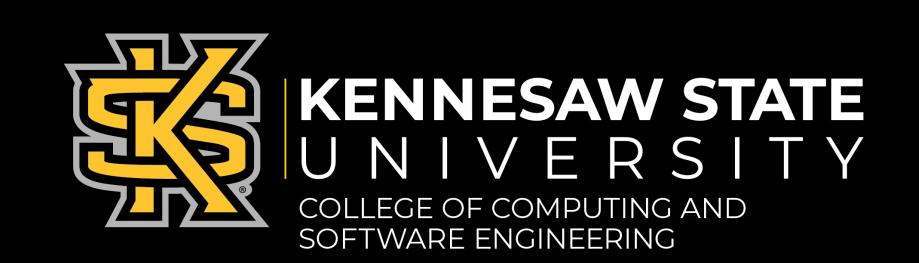
https://www.wix.com/

https://aws.amazon.com/ec2/

In this project, our goal was to employ ChatGPT 3.5 as the coder for an auction website. We used the natural language generation capabilities of GPT to create features that you would find on other auction



Link to website



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